

Federal Financial Resources for Bioenergy

(This list is current as of June 30, 2009. Each title provides a hyperlink to the program announcement. Questions? Contact Peter Moulton, petermo@cted.wa.gov.)

Washington State Energy Program

[State Energy Program Recovery Act Funds \(DE-FOA-0000052\)](#)

Close to \$61 million from US Department of Energy is being channeled through the Washington State Department of Commerce (formerly Community, Trade & Economic Development) and WSU. Components include: Community-Wide Urban Residential & Commercial Energy Efficiency Program (\$14.5 million), Farm Energy Assessments Program (\$500,000), Energy Efficiency Credit Enhancement Program (\$5 million), and Energy Efficiency & Renewable Energy Loans & Grants Program (\$38.5 million). The Loans and Grants Program will provide interim financing to renewable energy projects, assist innovative companies that have commercial or near commercial energy technologies, and support cost-effective energy efficiency projects. Two rounds are anticipated, \$20 million this summer and the balance by the end of the year. A Request for Proposals for the first round will be distributed by the beginning of July. Applications are due **August 15**.

US Department of Energy

[CHP Systems Technology Development & Demonstration \(DE-FOA-0000016\)](#)

Awards of \$250,000 to \$30 million are authorized, but only \$15 million is available during the first year of this program. Three areas are defined based on CHP output: large (up to 20 MW), medium (1 MW to 20 MW) and small (5 kW to 1 MW). Applications are for research, development and demonstration of technologies that increase efficiency and reduce costs of CHP systems, meet future emission requirements, and replace or mitigate natural gas usage. In addition to more efficient use of natural gas, use of alternatives such as landfill gas, digester gas, or other alternative gaseous fuels would be appropriate. Cost share must be at least 30% for research and development and at least 50% for demonstration and commercial application. Applications are due **July 7**.

[Industrial Energy Efficiency \(DE-FOA-0000044\)](#)

Some \$156 million in competitive grants are available in four areas: CHP, District Energy Systems, Waste Energy Recovery, and Efficient Industrial Equipment. New CHP and District Energy systems must have an overall thermal efficiency of at least 60%, Waste Energy systems must have a thermal efficiency of at least 30%. System upgrades must result in a minimum 25% efficiency improvement. Awards have no ceilings, minimum award sizes are \$1 million for CHP, \$10 million for District Energy, \$500,000 for Waste Energy, and \$10 million for Industrial Efficiency. A 50% match is required. Applications are due **July 14**.

[Industrial Energy Efficiency Grand Challenge Grants \(DE-FOA-0000113\)](#)

Approximately \$5 million is available for FY2009, with an additional \$10 million expected in FY2010. The funds are targeted at cost-shared development of transformational industrial processes and technologies that reduce energy intensity or greenhouse gas emissions by at least 25% while providing a return on investment of at least 10%. Roughly 50 grants ranging from \$100,000-300,000 are expected, with a typical award around \$250,000. A 20% match is required. Applications are due **July 14**.

[Clean Cities Petroleum Reduction Technologies Projects for the Transportation Sector](#)

A second round of funds will be available for Alternative Fuel and Advanced Technology Vehicles Pilot grants this fall. Clean Cities Coalitions need to be the lead applicants. Up to 30 awards of \$5-15 million, with a 50% match, will be issued. Proposals ready for immediate initiation, including evidence of mature design, site agreements, site licensing and permitting, partner commitments, and equipment availability, will receive higher priority in the evaluation process. Applications are due **September 30**.

US Department of Agriculture

[New Era Rural Technology Competitive Grants \(USDA-CSREES-RTP-002295\)](#)

Awards in the range of \$10,000-300,000 will support technology development, applied research and/or training, with a focus on rural communities, to aid in workforce development for bioenergy, pulp and paper manufacturing, or agriculture-based renewable energy. Nationally the program has approximately \$750,000 to distribute. Applicants may be public or private nonprofit community colleges, or advanced technological centers, either of which must be in a rural area and have a track record in workforce training. No match is required. Applications are due **July 20**.

[Rural Energy for America Program \(REAP\)](#)

Some \$60 million will be available nationally through REAP, including roughly \$28 million in grants and the balance in loan guarantees. States are provided "starter funds" to allocate before rolling additional applications up to the federal level. Washington State has about \$220,000 for grants, \$750,000 for loan guarantees, and \$156,000 for combination grants/loan guarantees. Small (<\$20,000) projects will be handled only on the federal level. Funding is available in three areas: 1) Feasibility Studies grants up to \$50,000, 2) Renewable Energy Systems grants of \$2,500 to \$500,000 plus loan guarantees, and 3) Energy Efficiency Improvement grants of \$1,500 to \$250,000 plus loan guarantees. Grants under the last two categories can cover all up to 25% of project cost. Loan guarantees of \$5,000 to \$25 million can cover up to 75% of project costs, with the percentage of guarantee varying by loan amount. Applications are due **July 31**.

[Value-Added Producer Grants \(VAPG\)](#)

Approximately \$18 million in competitive VAPG grants will be available for 2009. The original May 6 notice is being reissued in the near future, and will likely have a 30-day turn around.

[Advanced Biofuel Producer Payments \(Section 9005\)](#)

Direct payments are offered to eligible biofuel producers to expand production of advanced biofuels, defined as pretty much anything other than corn-based ethanol. Payment will be for production from October 1, 2008 through September 30, 2009. The amount of each payment will depend on the number of participants and amount of advanced biofuels. Applications are due by **August 11**.

[Small Business Innovation Research Program Phase I \(USDA-CSREES-SBIR-002363\)](#)

SBIR supports innovative, applied, research and development projects from small businesses that address problems facing agriculture and have the potential to lead to significant public benefits. Twelve categories are listed, including Forests, Rural Development, Animal Manure Management, and Biofuels and Biobased Products. Some \$18.5 million is available, with individual awards primarily in the \$70,000-90,000 range. No match required. Applications are due **September 3**.

[Biomass Crop Assistance Program \(BCAP\)](#)

A dollar per dollar match, up to \$45 per dry ton, is provided for up to two years to producers who deliver eligible biomass material to designated biomass conversion facilities to generate heat, power, biobased products or biofuels. Initial assistance will be for collection, harvest, storage and transportation costs. The Farm Service Agency will begin rulemaking later this year to fully implement BCAP. A fact sheet, application and list of participating facilities will be available soon.

[Repowering Assistance Payments to Eligible Biorefineries \(Section 9004\)](#)

Up to \$5 million or 50% of total eligible projects, whichever is less, is available to biorefineries in existence on June 18, 2008, to replace fossil fuels used to produce heat or power at their facilities with new systems that use renewable biomass, or produce new energy from renewable biomass. Applications are due **November 1**.

US Environmental Protection Agency

[Climate Showcase Communities Grant Program](#)

Up to \$10 million in grants is available for local and tribal governments to establish and implement innovative climate change initiatives. EPA requests proposals which create replicable models of sustainable community action, generate cost-effective and persistent greenhouse gas reductions, and improve the environmental, economic, public health, or social conditions in a community. EPA expects to make roughly 30 awards ranging from \$100,000 to \$500,000. A 50% match is required. Applications are due **July 22**.